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tatctgcctc acaacctgaa gcaatacagc aagcaggaaa catggcataa taaaaagacc   1920

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<400> 67

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<213>  ARTIFICIAL

<220>
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<220>
<223>  REVERSE DNA PRIMER

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<220>
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<223>   REVERSE DNA PRIMER

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<223>   FORWARD DNA PRIMER

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<220>
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<220>
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<400> 242
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<210> 243
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<220>
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tgacacgcct aggaaagttc acgcaccgcc cagcacgcct gcgcatgcct gttcccgctc   180

cctggtgccc cgggcgcctg cctgtcccgg ctcccatggg tgctgggtgt gtggaagctc   240

cggcccctc gggctgggtt cattggggtc ctcctgtgtg gtcagtggac tctgtacccc   300

cacagcacct gaggggtggc tgacactgct ttcccagctg ctgcaggggc tcagggaaca   360

caggtgaccc cacgtctcta ccgagaatga gcacaccaac acctctcaga agacagctgc   420

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tctgctgagc caggcccaga gggaccccag gtgagcagca aaccccccag gcctgggcta   540

gcaccggggt aacccttcct gctcagcacc tgttcacctg tcccctctgc tggtggcctc   600

ctgtcctccc gctctgggct cagcagcagc cccgtggaga ggccctgcca ccaccccgcc   660

ctgctggaga caggcctcct acgcgggctc ctgcagccgg tcgccctggg cctcctagaa   720

gccggggatc ctctgctgac caccggcaga aaacgtgctt ctcaagctgc aggtgattca   780

ccagtagtgg gcaaggaact gaatgtggtg attactgcgg agtcagcaaa acccgcgtga   840

gaacgggcag ctgagggcct gccgggtgag ggaagcctca cggttcctgt ttcatgagtt   900

tgctgtgagt gcacacgagg ctgtggctgt ggagtgtgca acagtccacg cgtgcctgcg   960

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gaggaggggg ctccgaccca tcggacttag gggagccccg ggtccgagac gccgcctctg 1140

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ctcgttcccg cccatactcg ggtacgccgc tgcgaccccg cccgcctggc ctgcgacgac 1260

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ggtccgctcc tggacgcgct cctctgggat gcagcttctc cgcgccccgg agccccagga 1560

aaatgaaaga cacgagaggg aggggccagg gaggaggcgc ggacccgcgc gggacccacc 1620

tcccagatga ggaaggagct gggtttacgg gaagcctcca agtttcggga accacccgcg 1680

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ggtccgagca tgcgtgcggc ggcgttcccc gcggggctgt ttnatgccgc tcctggaggc   1860

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gggcggcccc agatgcctgg gagtgcgcgg gcagagtgag ctggacccccc ggatgcagag   1980

gccctttcat aaaagcgcgc agagcagagg agtgatgtcc cccagctccc ccgcagaggt   2040

cctgcacctg cggcctgggc ttcagcgtcc tgcggcccct gcggaggtgc tggcctggcc   2100

agcccgggag gaggggccca gcctgttggg gcaggagatt ggggtgcggg tagaaggctc   2160

caagacgcat ccgggccggg aacccacaga catcccaggt gggcaggagg tggctcgagg   2220

aggcctggag acccggcgc ctggcggggt ggcaggcggg ccacgtcctc cactagaacc   2280

cgaggggca cgcgggcagg tgcgggcggg gtcaaggatg accaggtatc ttcgggacac   2340

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tggggggacac tggggcgtgg gcaatgcccc cagtttcatg gaagagagga agaagcagaa   2460

ccaaactccg ggaaaccctc aaatgtgggg aatggacgga gcagggccag actggacgct   2520

gaaccttgga gcctgcagct cagccatcag acccagggtc cagaggtggg tggcacagaa   2580

caaagtcccc cgggatgttc caaaagagaa actgtcgcca aattggcagg tgaaacacag   2640

cctgtcatcc tcccagcaag acggcaccat ggccgggca cagaggtcag attccccagc   2700

ccccgccctc gggaaacccc agccaccctg gctgccagtg agatgctgga gaggggctg   2760

aaatcccacc tgcccacgtc ctctgcacag aggggcttgt ccccgaggcc acatcccccca   2820

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ggaggaaaac gcatatcctg ataaag                                         3026
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<212>  DNA
<213>  Homo sapiens

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ttagattgct ggtcagcgtc cgcaggtggt gggctgtgta actgatattg ctaatgatgt    180

tcacaatatc cgtctcaaag agctggaagc gttcctccag ttggttgaac ttgatggctg    240

ttctattctc tgcatctttg tgtaagtcct gcaggtcttt caggttctgc tcgttggctt    300
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gagagatagt ggtgatgttc tccatctgac ctgtgaatga gttgagctgg ctgttcatat    360

cctccagggt gtcgttgttg gctttggcca acgcagagtt gttggcagcc agcgtctgca    420

agctctgcac tttctccttc agccaatccg tgtccttctt ggcttgaaga aaaacctgct    480

gcagattttg aaagtcgttc ttgattcgct ggatagcctg gcttgtgtca tccacagacc    540

gctgcagatt cgtgatgagg ttcctctgct gcacctgggt caggttcagg ttgttgaggt    600

tcatgatgac cacattatga gaatacattt ggttctgcag attgccctgg agcacgctgg    660

tatcttgctg cagattcgtg acatagccat tatacgcctg gagggttttg tttacagtgg    720

tgatgaggaa agagttattc tccaaagttt ctttcaattg actctgcctg tccaccagag    780

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tctcacgaag ttgctgacgg agatctagaa tgtctgatct gaaggtggag agttctgagt    900

tggtgctgat agctttcttc ccagtttggt cacctggaat aagaaatatc tgtgacttat    960

attggtggta tggagaagtg ttcaggcaag gccaagatc ccgaacacac ttaatcggta   1020

tgcactgtat tttagatgca aaattggcag tataagcgga cagctctgca ttagtaaaat   1080

gtacatatct attaaaactg ggtcctgggg aatcggaaaa gaagctcaga actaggaatg   1140

acaaacttgg ctgaacattt ttctcaaaga gggagggga atttactaga ttttagggca   1200

gtgggcaggc tgtcaagaag aaactaacct tttaaatttc ccaaattttt ttttaatgaa   1260

agcaaaaatc aaggaataga atatgctagg atctttcact ttataactta atttctacaa   1320

ttctatgtag tttaaagtat ttcaaaaatg ctcagtaaat tcctatttat gtgacagttt   1380

ttaataaagg gtatttgtgt ttttttttcag tcaggattga tcttcagata ttatttggca   1440

cataatagtt ttcttggcag gacttaattc caaaactgac ccttaacttt aaaatttaag   1500

catttgaatt aaatcatgag gggagactca acatgcaaca caaaaattga atgtccttcc   1560

gggtgaatgg ggagtttata gcaacatcat tctaagaagc tgtggtcatt tatgtagagt   1620

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ccattttctc tacaactaag atttggaaaa tgatgcatta gtatacatat ctgctcatat   1800

tttatttttc agtttcaaaa caagagatca tttcattatg gaacaaagga aacagattga   1860

acgaaaacag tgtaactgaa atcaaatata ggaagaaaa gccatctttt tggaaaaata   1920

acttacttgt cacaaaaccc aggggtacaa tttacttagt tgagaattgt atgttcttaa   1980

ctattcttat gattctgtaa tgccttggat gtttcagaaa tcatttggaa ctaatttaaa   2040

aattttcatg catttttagaa gtccctaatc tgctatttcc tatattaatt ccatagatg   2100

aaggcaaggc acactgtgat aatttacaaa atgttgtcac tcatcagctt ccctaacatt   2160

cttggcaggt gggactcatt tacctagaaa aggattccat tggcaaggaa aacccagctc   2220
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gttatgagtt ccaccacaag gccctgaaaa tctgcttttt gttagtgaca actgattctg   2340

tagtttgtca gttctcaagt agatgcct                                       2368


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<213>   Homo sapiens

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atcccgcctt accagctagc tggaactacc caactttcca caggatacaa tcctggccat    180

gtgctcccag aaatcatttc cctccgattg ccagcactct tgcctactac gaacctttct    240

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caccagggtc agtccggatg ccacatcctg cacagcggta attctgcttg ccacggcaa     420

ttttcctcct gaggaagggt aaggacaggg cattggcaca gagcagctgc gtgagacctt    480

ggaggtgtga aggagtgagc acacatacat acagctccag ttaagtatgg gaagagaggg    540

gaattcacct acattttagt tggacaaaaa tgaacctatt gggagagcta actccatata    600

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aggaatgaga tgtggtaaag gagagagaat gacaggagag aagagcatcc atctatctta    720

gaaagagaag aaaaaccagc aagcccacac aactactggg aggaaagcta caggttggga    780

atgccagcaa aacaaaaccc gcctcgtttc caattagctc caggaattaa gagtaagaaa    840

cgaaggacca aatggacgac gcccccctc tgcctttaaa tgaagagaac ggtgtgggaa    900

ggacagctgg aggcagggac aagtgggtga gacgaaaacc ctgacaatcc aaagaggacg    960

gatctgtgct ccaaagggca cagacactgg ccactcacgt tggggctgga tgaacattaa   1020

aaattatctg aggccggggc ggggcccact ccaagttgcc acgaacacga atccgcagct   1080

tgtagatgtc agcgtgctgc ccgtcatccg gtgagatggg cagtgagtca ggaatgggca   1140

ggagctgcag gaggaaagca cagttggggt aagctcgtgt cagtgtgctg cccgtcatct   1200

ggtgagatgg gcagtgagtc agggatgggc aggagaaaaa cacagttggg gtaagttcac   1260

acggacgggc ttgagaaaca gaaatgcggg accctttggg ccatgacaga gcataatgag   1320

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accagggcag tggccccacg gctcatgctg tccctgcacc catcccagga cccttgctgt   1500
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tgaataagga ccgcgaacgc gccgtcatct ctgctctgac aaggtgagca agcattcact      1680

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tggcccctgg gtaggaagaa gagctaagga cctaccttct gaggggcatc atgctccggg      1860

acaagccact ccagctccga ggcggctgga agctgcatcc cctcaaactg cttcaggagc      1920

cccatggcca ccgcctcagc agacgtggag tgcaggaagc agtgggagct ggaaagggga      1980

gaatcaagga cggctgaaca cagggaaagg atgggcgatg cg                         2022
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ctcaaacaaa tggcttgacc tgttagcgat atagaaaagt gagcggatcc tttgaacatg     1140
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tagggaatta accagtgtgt tcctctttcc tccgttagtg aaaatgagta ctatttaata    1320

atgcagtgac acaggatttg ttgctgttgc agcacttgca tggccatgct caccttcaca    1380

ccacgcggag gccaaaggca ttgttccctc agctgcggcc ctctcccctc agcagccctg    1440

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tcagtgggaa agacgtggag atgagttcat atttacctat ttcatggtga aatctgcaag    1800

gtccctaagg caatggcttt cttgaatggt gacagcaact gatgagtctg aaaaatcttt    1860

gtgtctcact taggattttt gcacagctgg tttcataatt cagttatttt gatacaaaag    1920

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